



Power Double Lock

TE Internal #: 316502-1
Housing, Cap, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-0, 4
Position, Power Double Lock, Rectangular Wire & Cable
Connectors & Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors > STD Temp Power Double Lock Cap



Connector Product Type: **Housing**
Connector & Housing Type: **Cap**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Panel, Wire-to-Wire**
Contact Retention Within Housing: **Without**

[All STD Temp Power Double Lock Cap \(33\)](#)

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

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Primary Product Color	Natural
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Contact Features

Contact Layout	Inline
Contact Type	Tab
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Nylon 6/6
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

Panel Thickness (Recommended)	.8 – 2 mm[.031 – .078 in]
Connector Width	17.9 mm
Connector Height	26.1 mm
Connector Length	26.1 mm

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, VDE
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	150
Packaging Method	Bag



Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 5-316501-1
POWER D/LOCK PLUG HG 4P NAT (GWT)



TE Part # 1971599-1
POWER D/LOCK CAP HSG 4P NATU.(



TE Part # CAT-P87024-T111
Power Double Lock Tab



TE Part # CAT-P87024-P729
STD Temp Power Double Lock Plug

Also in the Series | Power Double Lock



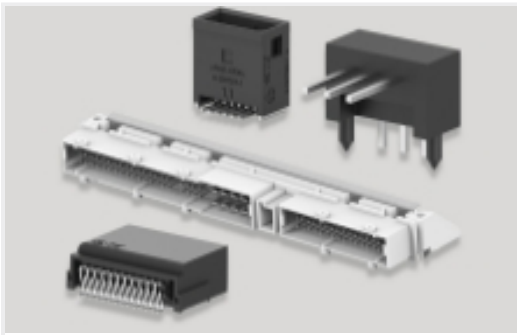
Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



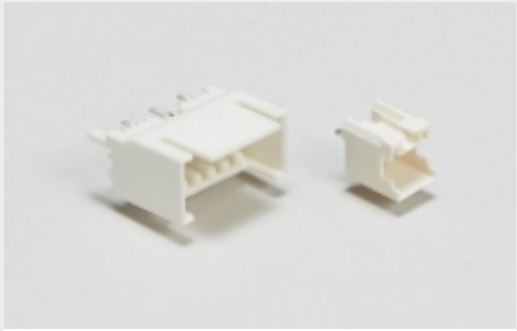
PCB Headers & Receptacles(43)



Power Contacts(24)



Rectangular Power Connectors(283)



Wire-to-Board Headers & Receptacles (43)

Customers Also Bought



TE Part #1971784-1
PTL TAB CONTACT, 16-19 AWG, 2X22 AWG



TE Part #177898-1
POWER DBL LOCK PLUG HSG 2P



TE Part #CAT-P87074-C1701
Standard Temperature Caps | POWER TRIPLE LOCK



TE Part #1-1971775-3
PTL 2X3 CAP PANEL MT STD TEMP KEY A NAT



TE Part #1969588-4
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part #CAT-P87024-R2435
Power Double Lock Receptacle



TE Part #1969588-6
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



TE Part #177916-1
AMP POWER DBL LOCK TAB (S)

Documents

Product Drawings
POWER D/LOCK CAP HSG 4P NATU.

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_316502-1_F.2d_dxf.zip



English

Customer View Model

ENG_CVM_CVM_316502-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_316502-1_F.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

1773458-5_POWER_DBL_LOCK_(PDL)_CONNECTORS

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP POWER DOUBLELOCK CONNECTOR SERIES

English